

# Applying Rigor and Relevance Framework to Business Curriculum Technical Standards

On October 21, 2008, CTE teachers and academic teachers collaborated in designing lessons to provide their students with more relevant and academically challenging learning experiences. The Rigor and Relevance Framework, created by the International Center for Leadership in Education, was the foundation for this workshop. By the end of the day, teachers had practiced using the Framework as they prepared lessons in all four quadrants of the Framework.

## Participant Comments-

*"My issue before attending today's workshop was creating activities for areas that I am not familiar with. With some ideas discussed today I feel better in creating effective lessons to meet those standards."*

*"I am so glad that several of us from our department and district were able to attend together. It really facilitated the learning process and we were able to bounce ideas off of each other."*

*"As a math teacher, it was refreshing to be immersed with a different subject. Yet, as we did the activities, I kept thinking how to relate this to my math classes."*

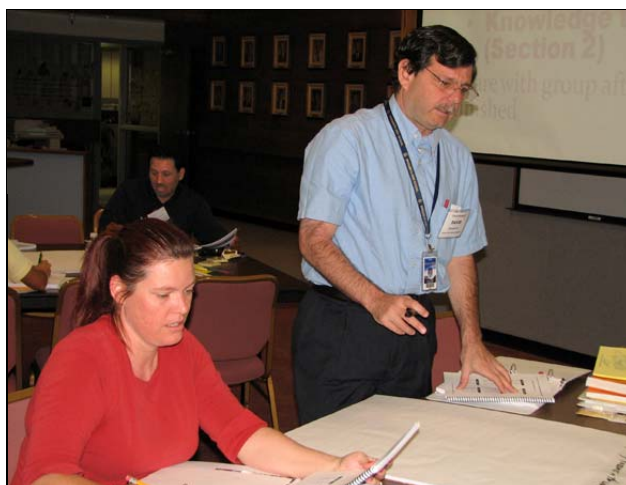
*"I have not really used multiple instructional strategies and assessments aligned to the objectives, but will try to incorporate them from now on."*

*"While I attempt to vary instruction, I think seeing the quadrants and what they mean will help me do this more successfully. Teaching across the curriculum will be easier now that I have the tools to do this."*

Plan now to participate in this productive and fun educational experience while improving your teaching practice!

**Register now** to attend the February 4, March 4 or March 24, 2009 workshop. [www.ade.az.gov](http://www.ade.az.gov)

For additional information about the workshop contact Dr. Janet Gandy, State Supervisor of Business Education, Arizona Department of Education for additional information about upcoming workshops.



↑ Terri McGee and Dr. David Rudnick ↑  
collaborate to raise the rigor and relevance of  
their instruction for students at

Felipe Bacerra, of Marcos de Niza H.S  
and Raye Lynne McCabe of Tuba City H.S. illustrate  
the alignment of Business Technical Standards  
and Math Standards in each quadrant of the  
↓ Rigor and Relevance Framework ↓





← (Back Row) Felipe Bacerra, Leah Begay, Glenda Dupuis, Dabney Leinberger, Stacey Foster, Jane Stanley, Terri McGee, Dr. David Rudnick and Dr. Janet Gandy;

← (Front Row) Raye Lynne McCabe, Shauna Demers, Alice Yamamoto, Michelle Cray and Mike Lohmann

Alice Yamamoto, Social Studies instructor, and Stacey Foster, Business instructor, had a fun time re-designing their lessons based upon the  
↓ Rigor and Relevance Framework. ↓



↑ Dabney Leinberger and Jane Stanley of ↑ Desert Vista High School assign learning activities based upon the knowledge and application of the knowledge to achieve the learning objective.

Shauna Demers of Mountain Pointe High School decides which instructional strategies she will use to move her student understanding from one quadrant to another.







Michelle Crary, Workshop Facilitator, and Dr. Janet Gandy, Business Education State Supervisor, take a moment from this action packed day for a photo.



Left to Right: Jane Stanley, Stacey Foster, Leah Begay and David Rudnick

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# Teaching and Learning by Design

## Four-Day Series

September 19 & 20 and October 17 & 18, 2008

For the second year in a row CTE and academic instructors were guided by Preston Webster through research-based strategies to improve their teaching and student learning. Throughout the four days, teachers evaluated the design of their lessons and worked with literacy coaches to strengthen the academic outcomes and vary instructional strategies to reach more students. Evidence of the teacher learning was documented through their presentations of the design elements of their lessons.

Below is a picture of Preston and one of his coaches.



Preston reviews feedback to the question "What made your attendance worthwhile?" Answers included:

*"Understand the correlation between graphic organizers and pre writing and writing."*

*"Learned new tools to integrate academics into CTE lessons."*

*"Have time and one on one assistance in creating lesson plans."*



Desarae Rogers and Loren Smith of St. Johns High School collaborate on their evidence based lessons



*Left to right back row: Anne Cambridge, Michael Kulwicki, Mary Gooch, Desarae Rogers, Rachel Conatser, Loren Smith, Jerry Kinsel, Preston Webster, Gus Percuoco*

*Middle row: Jean Leech, Peggy LaShier, Marsha Espinosa, Tawny Austin, E. Horace;*

*Front Row: Dr. Janet Gandy, Dana Greenwood, Becky Barris and Kim Salazar.*

*Behind the camera is Penny Brimhall.*

**Workshop Sponsored by:**

**Business Education, Career and Technical Education/Department of Education  
Northeast Arizona Technological Institute of Vocational Education (NATIVE)  
Northern Arizona Vocational Institute of Technology (NAVIT)  
Arizona State University, Workforce Education and Development Office**





# Classroom Management-A Workshop for NEW High School Business, Early Childhood Education and Education Professions Instructors

On October 7, 2008 CTE teachers enjoyed participating with Dr. Ann Hart as they explored strategies for keeping students safe and engaged in a CTE Classroom, recognize the importance of utilizing visual modalities and other multi-sensory methods for impacting student learning.

**100% of the workshop participants strongly agreed delivery of the workshop information was clear and concise.**

## Participants Said This About The Workshop –

“Dr. Hart is amazing. Her passion for what she does really shows.  
I learned so much in such a short amount of time, it was worth our 3 1/2 hour drive.”



Presenter Dr. Ann Hart is the Deputy Associate Superintendent for the Arizona Department of Education's Statewide Discipline Initiative. She has more than 15 years experience as a public school teacher and administrator.



Jacqueline Clay, Becky Barris and Dawn Wolslagel have fun participating in one of the many engaging activities.

Aaron Roseschley joins the group in applauding Jacqueline Clay's self-introduction



Maryann Kinzel, Gary Payne, Andrea Thompson, Paulett Ellis and Joanie Webb worked and played hard!

Andrea Thompson, Paulett Ellis and Joanie Webb collaborate on one of the many activities.

